

NC/QC/YD/2020-21/W2-SS-CE1

Date: 26-12-2020

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).

{Project*: Improvements to roads and Drains at SC/ST areas in ward no-02 of Yelahanka Sub Division.}

Ref.: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri Ramesh. Y.B, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	162 min	Shall not be less than 30 min
2	Final setting time	265min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	2.03%	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	2.18 mm	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	28.36 N/Sq mm	Shall not be less than 27 N/Sqmm

The result of the materials tested meets the standards and hence can be used for the work.

Sample Collected Site : Kenchenahalli main road

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NC/QC/YD/2020-21/W2-SS-W5

Date: 25-01-2021

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements to roads and Drains at SC/ST areas in ward no-02 of Yelahanka Sub Division.}

Ref.: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri Ramesh. Y.B, Bangalore.

TEST RESULTS

I. Gradation Test:
TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	98.20	95-100
26.50	---	-
22.40	71.45	60-80
11.20	56.80	40-60
4.75	31.05	25-40
2.36	24.55	15-30
0.600	19.15	8-22
0.075	4.05	0-5

The result of the materials tested meets the standards and hence can be used for the work.
Sample Collected Site : Nagenahalli 7th A, 1st Cross Rd (From Dead End)

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